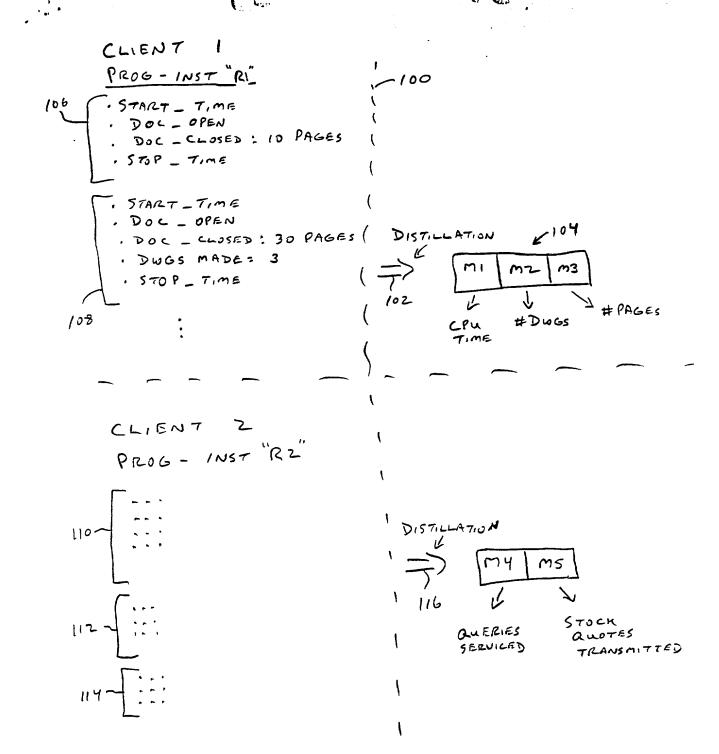
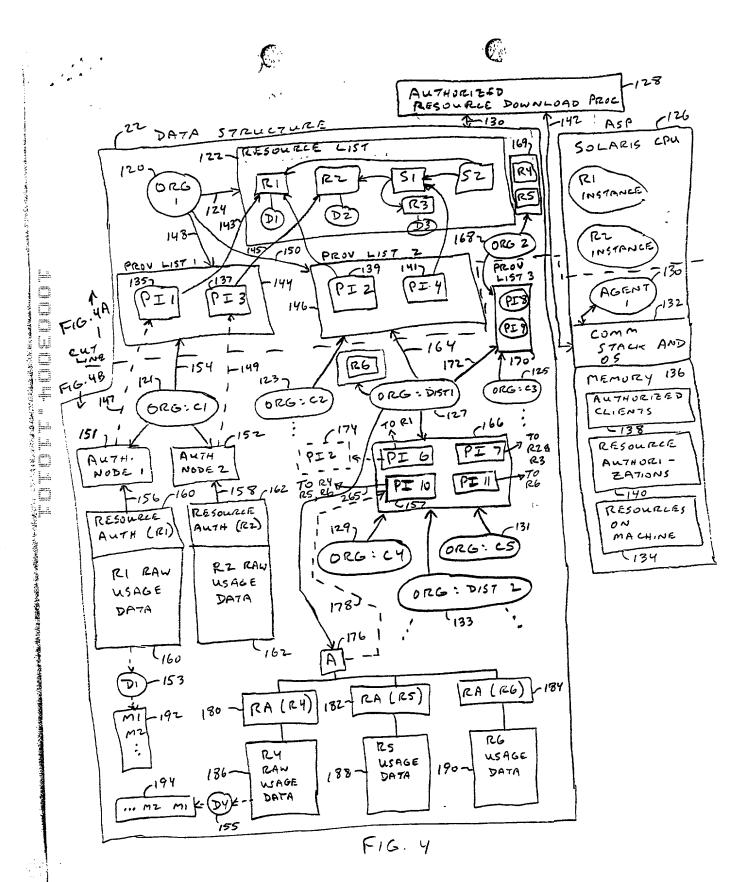


F16. 1



F16.3



## OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

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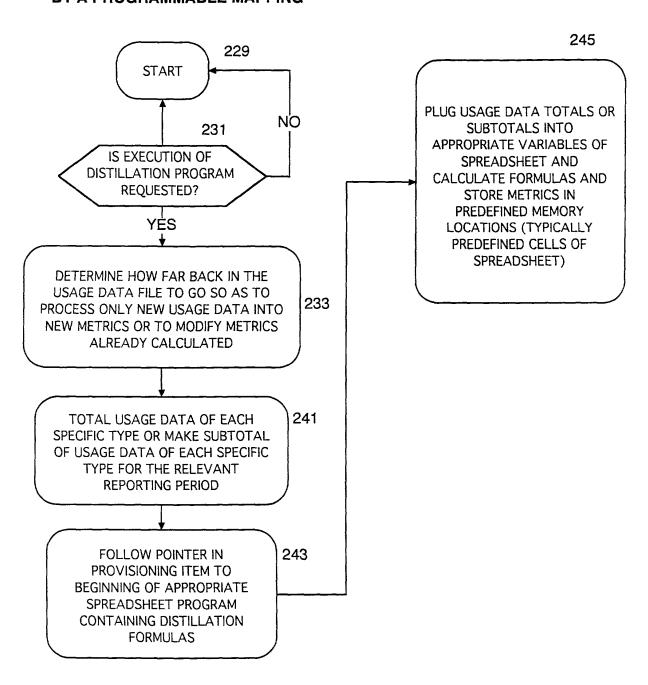


FIG. 6A

#### OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

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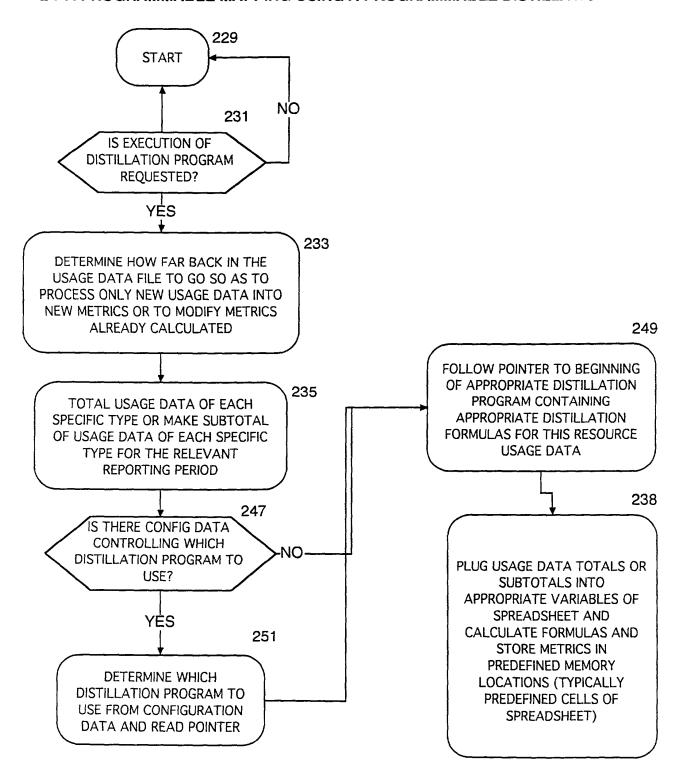
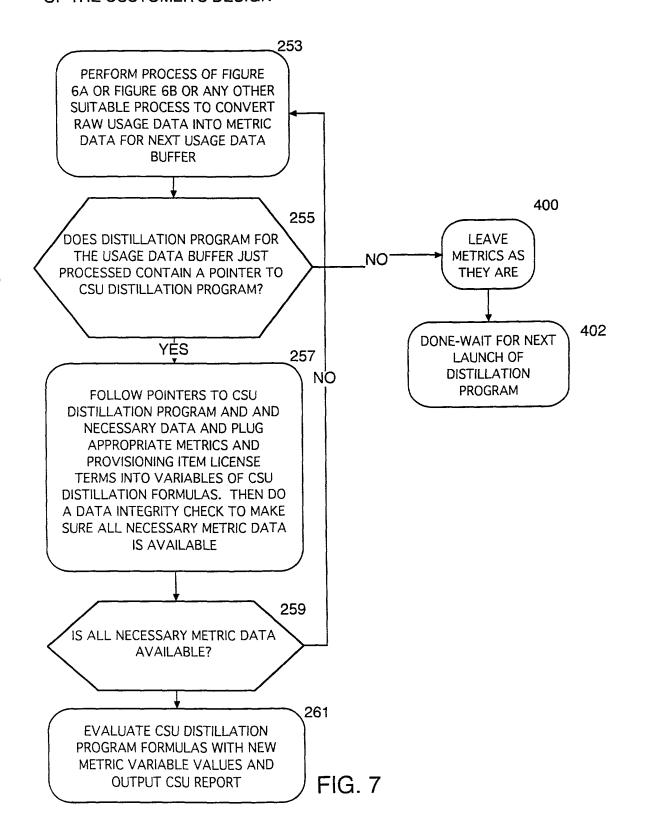


FIG. 6B

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN

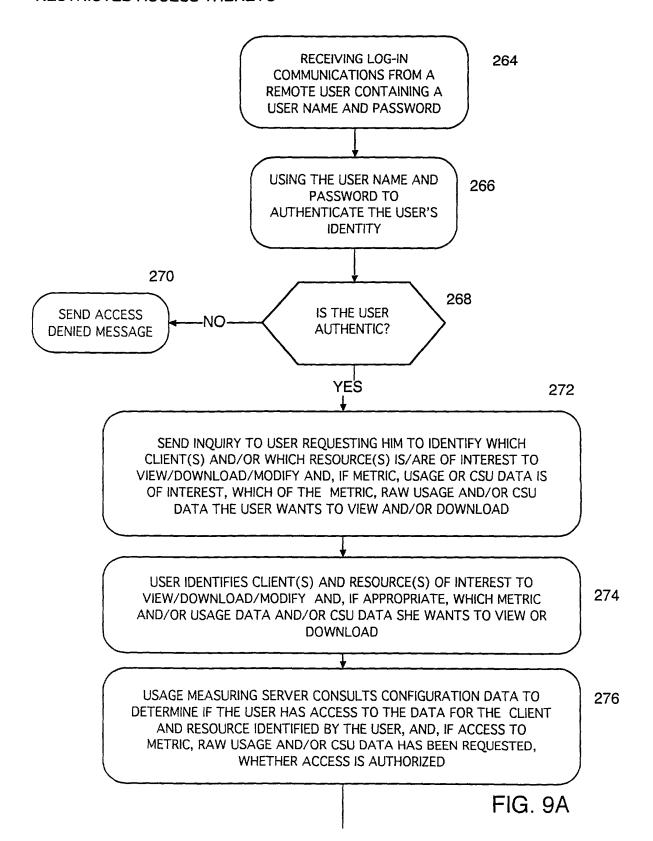


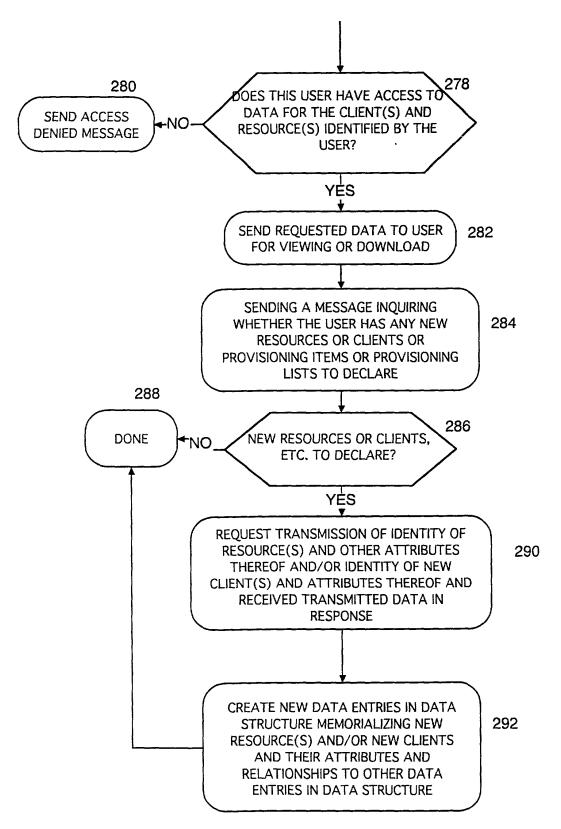
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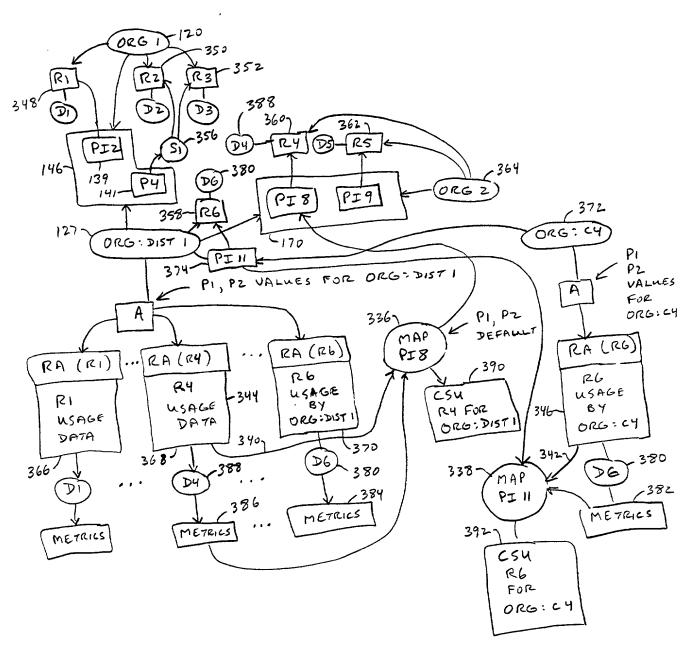
# PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO





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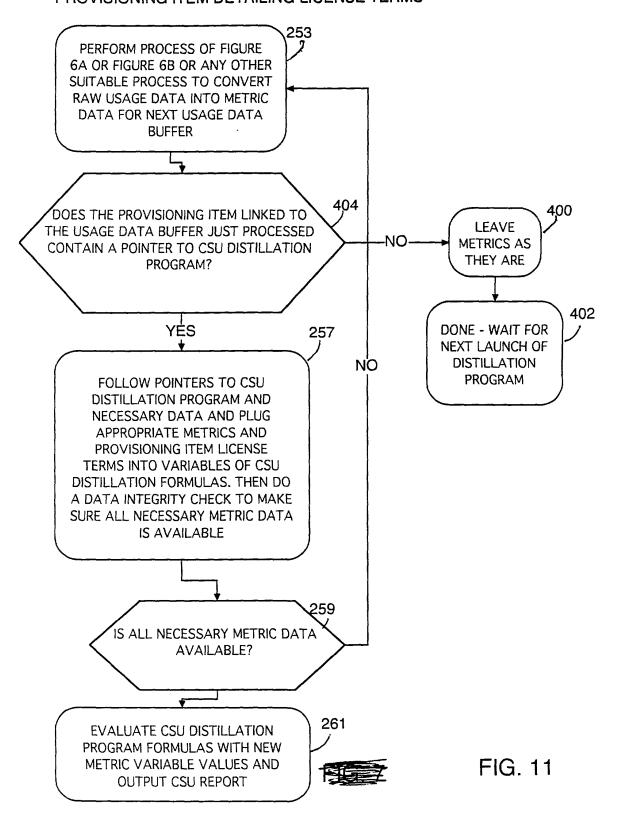
FIG. 9B



F16.10

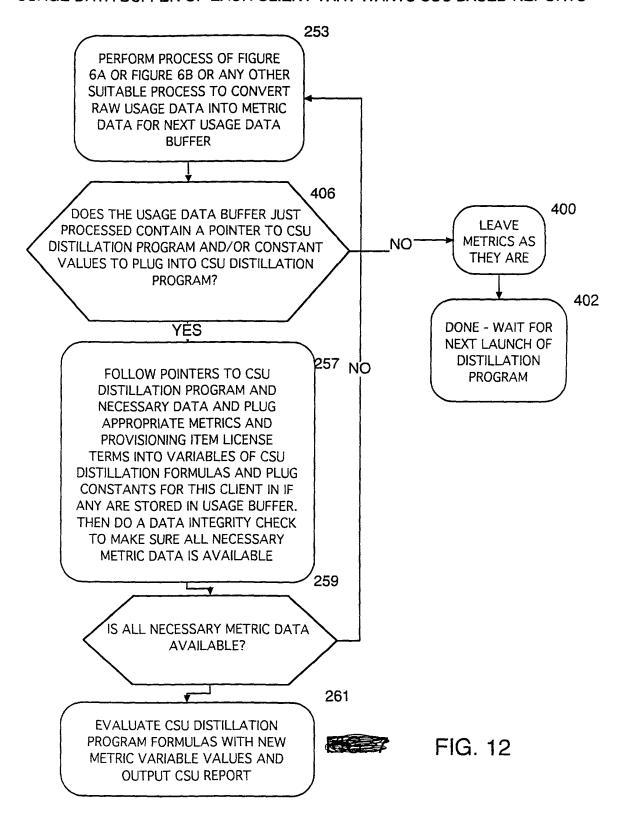
ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

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ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

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## PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

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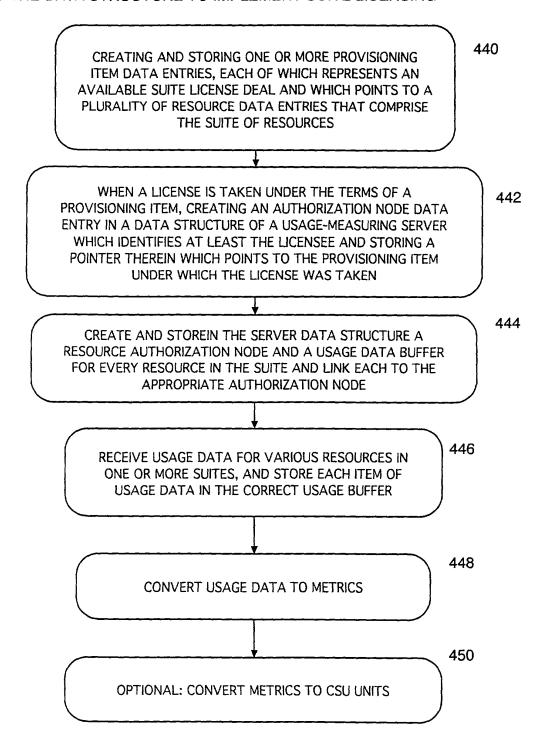
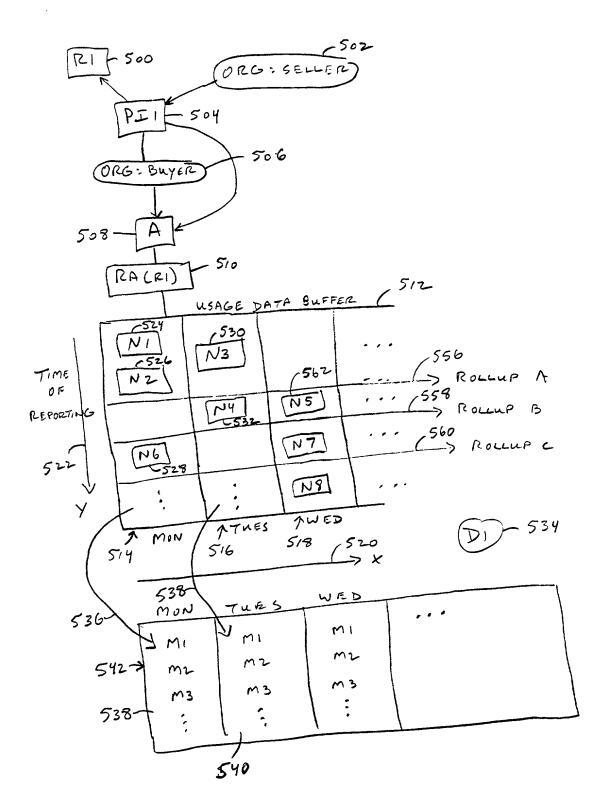


FIG. 13

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS ON A PARTICULAR RESOURCE 480 470 SERVER FOLLOWS POINTERS CUSTOMER LOGS IN AND PROVIDES FROM SELECTED RESOURCE **AUTHENTICATION USER NAME AND** DATA ENTRY TO ALL **PASSWORD** PROVISIONING ITEMS THAT POINT TO SAID RESOURCE DATA ENTRY AND WHICH 472 RECORD AN AVAILABLE USAGE MEASURING SERVER LICENSE FROM A VENDOR OR **AUTHENTICATES USER AND** DISTRIBUTOR OF THAT TRANSMITS DATA TO USER **RESOURCE** PROVIDING A WEB INTERFACE WHICH ALLOWS USER TO SELECT A LINK OR ISSUE A COMMAND TO 482 SHOP ALL AVAILABLE DEALS SERVER ACCESSES LICENSING TERM DATA IN EACH PROVISIONING ITEM AND SENDS MESSAGE(S) TO USAGE MEASURING SERVER 474 CLIENT LISTING EACH TRANSMITS DATA TO DISPLAY A AVAILABLE LICENSE AND ITS LIST OF ALL RESOURCES AVAILABLE **TERMS** FOR LICENSING 484 476 USER PICKS A RESOURCE TO CLIENT SELECTS A LICENSE SHOP AND CLICKS ON IT OR AND SENDS A MESSAGE BACK OTHERWISE SENDS A MESSAGE TO INDICATE SELECTION 486 **OPTIONAL: SERVER RECEIVES** 478 SERVER RECEIVES MESSAGE MESSAGE AND SELECTING RESOURCE AND **AUTOMATICALLY ESTALISHES** ACCESSES DATA ENTRY FOR AN AUTHORIZATION NODE FOR SELECTED RESOURCE THAT CLIENT LINKED TO THE PROVISIONING ITEM FOR THE SELECTED LICENSE DEAL AND **AUTOMATICALLY CREATES A** RESOURCES AUTHORIZATION NODE AND USAGE DATA BUFFER FOR EACH RESOURCE LICENSED UNDER THE PROVISIONING ITEM486

FIG. 14



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FIG. 15

### PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

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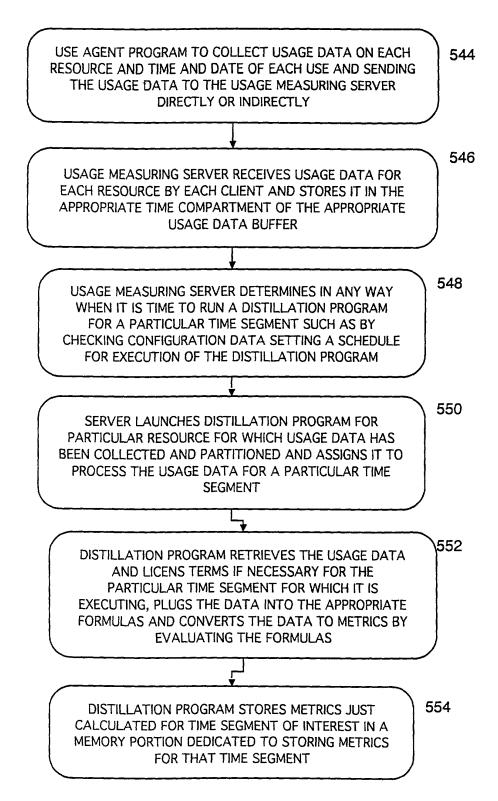


FIG. 16

•	170N	ROLLU TUES	PA I	7 39
MI =	10	1	0	<u> </u>
MZ= Docs	500	50	0	
M3=	759	١٢	0	. , ,
# PGS	1	,	1	

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	LTERN OLLUP TUES	B ID 40 WED
0	3	2
	70	40
	139	96

F16.18

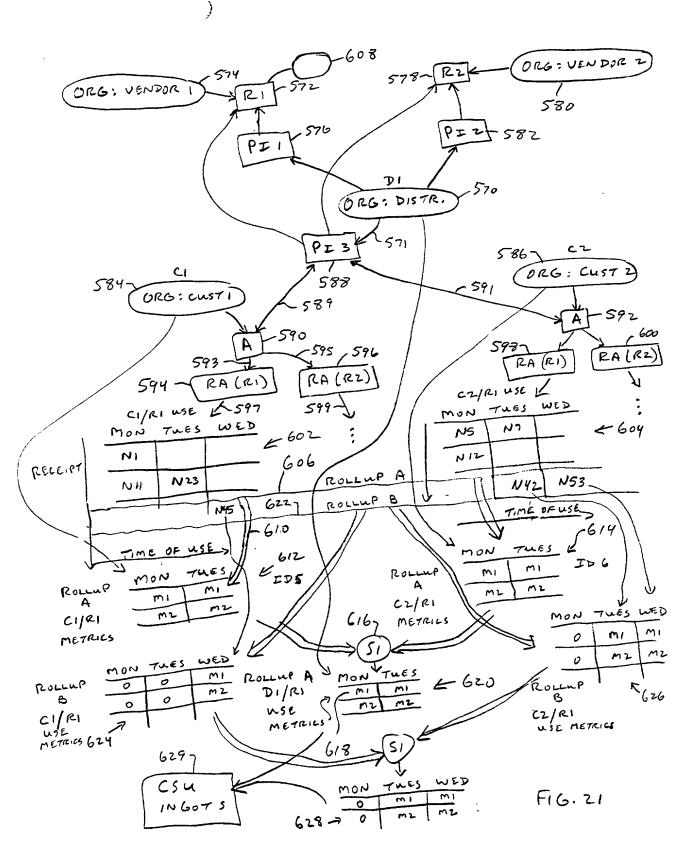
PREFERRED ROLLUP B ID 50

MON	TUES	WED	
10	4	2	
500	120	40	
759	210	96	

FIG. 19

ALTERNATIVE ID 40 MON TUES WED					
b	4	2			
0	120	40			
0	210	96			

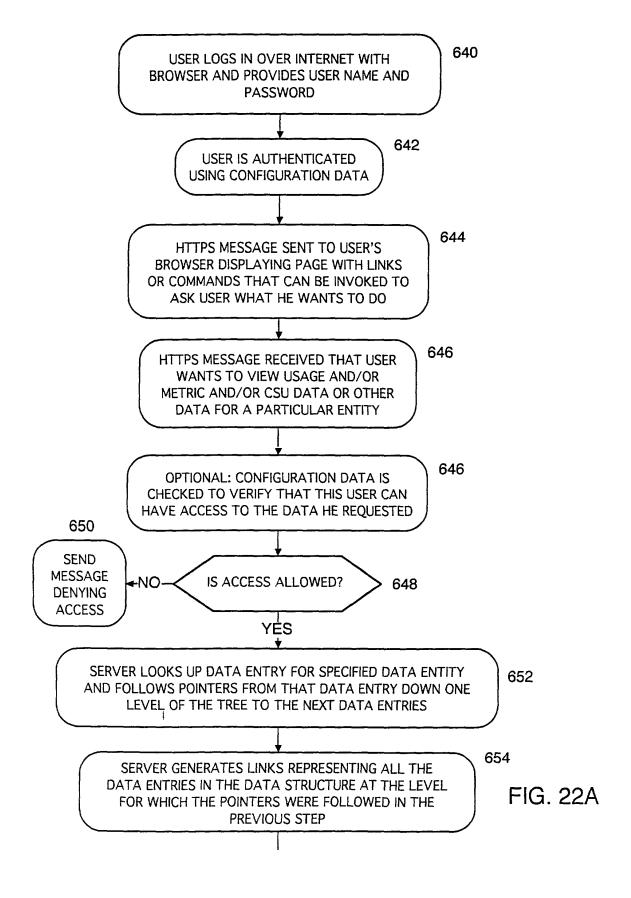
F16.20

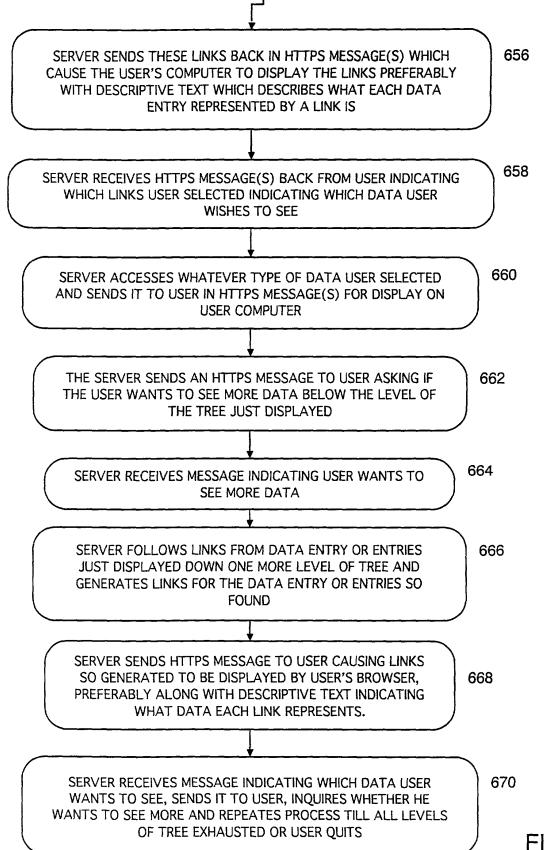


}

## PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER

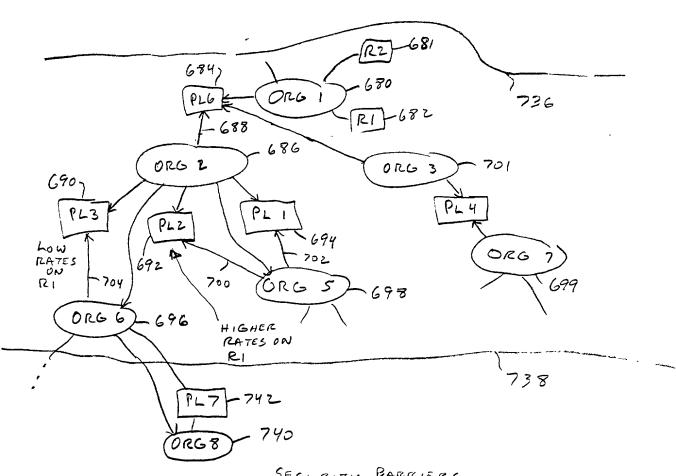
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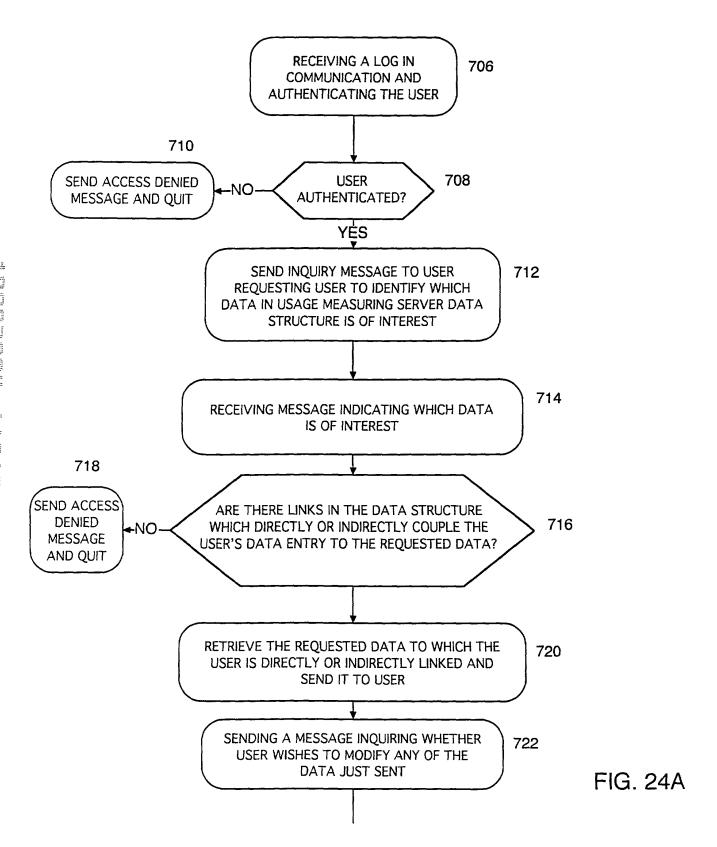
FIG. 22B

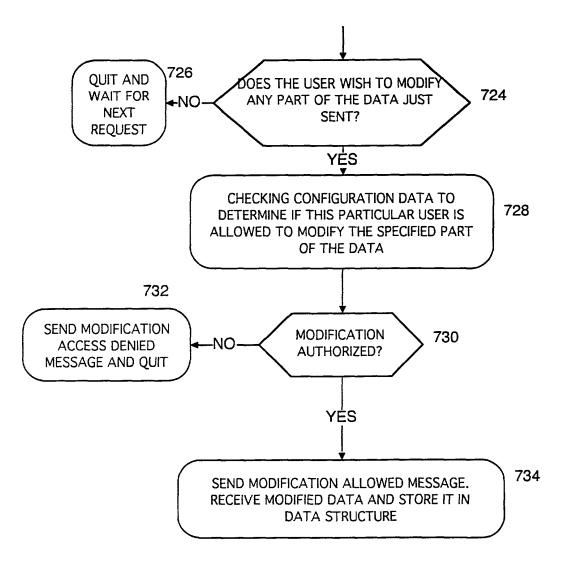


}

SECURITY BARRIERS FIG. 23 A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER IS NOT AUTHORIZED TO VIEW

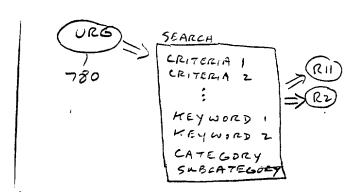
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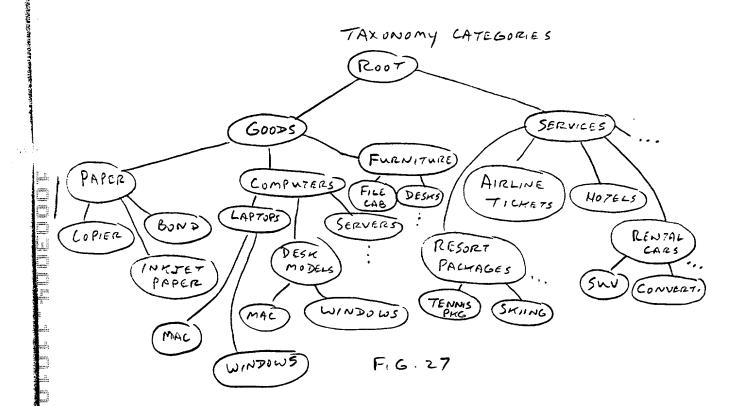


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FIG. 24B



F16.26



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#### SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

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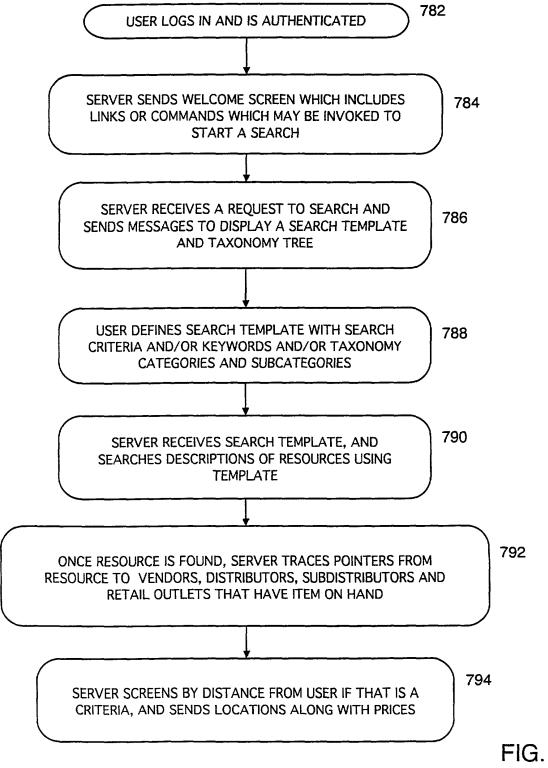


FIG. 28